

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1 to 32. (Canceled).

33. (Currently Amended) A control device for controlling a network device connected to a network, the control device comprising:

a communication interface adapted to receive a description ~~file~~ information of the network device from the network device via the network, ~~the description file including description information for a control panel of the network device;~~ and

a controller adapted to automatically ~~activate~~ generate an object for the network device using the description file information after the description ~~file~~ information is received from the network device,

wherein the object is adapted to generate a control panel for controlling the network device .

34 to 46. (Canceled).

47. (Currently Amended) A control device according to claim 33, wherein the control panel includes graphical elements corresponding to functions of the network device ~~respectively~~.

48. (Currently Amended) A control device according to claim 33, wherein the communication interface is adapted to receive the description ~~file~~ information from the network

device after the network device is connected to the network.

49. (Currently Amended) A control device according to claim 33, wherein the ~~controller~~ object is adapted to ~~control~~ start a process that displays an icon representing the network device ~~after the description file is automatically activated~~ before the control panel is displayed.

50. (Currently Amended) A control device according to claim 49, wherein the ~~controller~~ object is adapted to ~~control~~ start a process that displays the control panel if a user selects the icon.

51. (Currently Amended) A control device according to claim 33, wherein the ~~controller~~ object is adapted to ~~control~~ start a process that transmits a message relating to a graphical element on the control panel to the network device if the user operates the graphical element.

52. (Currently Amended) A control device according to claim 33, wherein the control device is adapted to represent the network device ~~is represented~~ as an object by a predetermined object-oriented technique.

53. (Currently Amended) A control device according to claim 33, wherein the network device is one of a CD player, a digital video recorder, a digital camera, a digital television, a facsimile, a copying machine ~~or~~ and a printer.

54. (Canceled).

55. (Currently Amended) A control device according to claim 33, wherein the control device is one of a personal computer, a word processor ~~or~~ and a work station.

56. (Currently Amended) A method being performed in a control device that controls a network device connected to a network, comprising the steps of:

receiving a description ~~file~~ information of the network device from the network device via the network, ~~the description file including description information for a control panel of the network device;~~ and

automatically ~~activating~~ generating an object for the network device using the description file information after the description file information is received from the network device,

wherein the object is adapted to generate a control panel for controlling the network device.

57. (Currently Amended) A method according to claim 56, wherein the control panel includes graphical elements corresponding to functions of the network device ~~respectively~~.

58. (Currently Amended) A method according to claim 56, wherein the receiving step receives the description ~~file~~ information from the network device after the network device is connected to the network. --.

59. (Currently Amended) A method according to claim 56, ~~further comprising step of controlling~~ wherein the object is adapted to start a process that displays an icon representing the network device ~~after the description file is automatically activated~~ before the control panel is displayed.

60. (Currently Amended) A method according to claim 59, ~~further comprising step of controlling~~ wherein the object is adapted to start a process that displays the control panel if a user selects the icon.

61. (Currently Amended) A method according to claim 56, ~~further comprising step of~~

~~controlling wherein the object is adapted to start~~ a process that transmits a message relating to a graphical element on the control panel to the network device if the user operates the graphical element.

62. (Currently Amended) A method according to claim 56, wherein the control device is adapted to represent the network device ~~is represented~~ as an object by a predetermined object-oriented technique.

63. (Currently Amended) A method according to claim 56, wherein the network device is one of a CD player, a digital video recorder, a digital camera, a digital television, a facsimile, a copying machine ~~or~~ and a printer.

64. (Canceled).

65. (Currently Amended) A method according to claim 56, wherein ~~the method is applicable to~~ control device is one of a personal computer, a word processor ~~or~~ and a work station.

66. (Currently Amended) A control device for controlling a network device connected to a network, the control device comprising:

a communication interface adapted to receive a description file information of the network device from the network device via the network, ~~the description file including description information for a control panel of the network device;~~ and

a controller adapted to ~~control~~ automatically generate an object for the network device using the description information after the description information is received from the network device,

wherein the object is adapted to generate a control panel for controlling the network device,

the object is adapted to start a first process that displays the control panel if a user selects an icon representing the network device, and

the object is adapted to control start a second process that transmits a message relating to a graphical element on the control panel to the network device if the user operates the graphical element.

67. (Currently Amended) A method being performed in a control device that controls a network device connected to a network, the method comprising the steps of:

receiving a description ~~file~~ information of the network device from the network device via the network, ~~the description file including description information for a control panel of the network device;~~

automatically generating an object for the network device using the description information after the description information is received from the network device,

wherein the object is adapted to generate a control panel for controlling the network device,

~~controlling~~ the object is adapted to start a first process that displays the control panel if a user selects an icon representing the network device; and

~~controlling~~ the object is adapted to start a second process that transmits a message relating to a graphical element on the control panel to the network device if the user operates the graphical element.

68. (Currently Amended) A control device according to claim 66, wherein the control panel includes graphical elements corresponding to functions of the network device ~~respectively. .~~

69. (Currently Amended) A control device according to claim 66, wherein the ~~controller~~ object is adapted to ~~control~~ start a third process that displays the icon ~~after the description file is automatically activated~~ before the control panel is displayed.

70. (Currently Amended) A control device according to claim 66, wherein the control device is adapted to represent the network device ~~is represented~~ as an object by a predetermined object-oriented technique.

71. (Currently Amended) A control device according to claim 66, wherein the control device is one of a personal computer, a word processor ~~or~~ and a work station.

72. (Currently Amended) A method according to claim 67, wherein the control panel includes graphical elements corresponding to functions of the network device ~~respectively. --.~~

73. (Currently Amended) A method according to claim 67, ~~further comprising step of controlling~~ wherein the object is adapted to start a third process that displays the icon ~~after the description file is automatically activated~~ before the control panel is displayed.

74. (Currently Amended) A method according to claim 67, wherein the control device is adapted to represent the network device ~~is represented~~ as an object by a predetermined object-oriented technique.

75. (Currently Amended) A method according to claim 67, wherein the method is applicable to one of a personal computer, a word processor ~~or~~ and a work station. --.